

Table 1. Idaho Gap Analysis categories found within the study area. The row headings represent the major areas in southcentral Idaho that were surveyed during this study. The column headings denote the major land cover classifications from the Idaho Gap Analysis that were present in the study area. The numbers in each cell represent the sub-categories in each of the major land classifications that were observed in each surveyed area (2000= Agricultural, 33XX= Xeric shrublands, 41XX= Broadleaf Forest, 42XX= Needleleaf Forest, 5000= Water, 61XX= Forested Riparian, 62XX= Non-forested Riparian, 63XX= Wetlands, 7300= Exposed Rock, 7301= Lava). Within each of these areas there may have been more than one site surveyed, and the data presented here reflect all of the habitat types encountered within each of these larger areas.

|                                    | Agricultural | Non-Forested Lands | Forest Uplands | Water | Riparian and Wetland Areas | Barren Land |
|------------------------------------|--------------|--------------------|----------------|-------|----------------------------|-------------|
| <b>Big Cottonwood Canyon</b>       | 2000         | 33XX               | 41XX           | 5000  | 61XX, 63XX                 |             |
| <b>Cave Canyon</b>                 |              | 33XX               | 41XX           |       |                            |             |
| <b>Big Cedar Canyon</b>            |              | 33XX               | 41XX           |       |                            |             |
| <b>Little Cedar Canyon</b>         |              | 33XX               |                |       |                            |             |
| <b>Robber Gulch</b>                |              | 33XX               |                |       |                            |             |
| <b>Buckhorn Canyon</b>             |              | 33XX               |                |       |                            |             |
| <b>Goose Creek Reservoir</b>       |              |                    |                |       |                            | 7301        |
| <b>Emery Creek</b>                 |              | 33XX               | 41XX           |       |                            |             |
| <b>Austin Ranch</b>                | 2000         | 33XX               |                |       | 63XX                       |             |
| <b>Curtis Reservoir</b>            |              | 33XX               |                |       |                            |             |
| <b>Sagehen Spring</b>              |              | 33XX               |                |       | 63XX                       |             |
| <b>Cooper Property</b>             |              |                    |                |       | 62XX                       |             |
| <b>N. Cottonwood Cr. Reservoir</b> |              |                    |                | 5000  | 63XX                       |             |
| <b>City of Rocks</b>               |              | 33XX               | 41XX           |       | 62XX                       | 7300        |
| <b>Minidoka Wildlife Refuge</b>    |              | 33XX               |                | 5000  | 62XX, 63XX                 |             |
| <b>Raft River (BLM Exclosure)</b>  |              | 33XX               |                |       | 62XX                       |             |
| <b>Independence Lakes</b>          |              |                    | 42XX           | 5000  |                            |             |
| <b>Sublett Reservoir</b>           |              | 33XX               |                | 5000  | 62XX                       |             |
| <b>McClendon Springs</b>           |              | 33XX               |                |       | 61XX                       |             |

Table 2. Species occurrence by Idaho Gap Analysis categories. The row headings represent all species that were observed in our surveys, and do not reflect any contributed observations from outside sources. The column headings denote the major land cover classifications from the Idaho Gap Analysis that were present in the study area. The numbers in each cell represent the sub-category code for each of the major land classifications where those species were observed (2000= Agricultural, 33XX= Xeric shrublands, 41XX= Broadleaf Forest, 5000= Water, 61XX= Forested Riparian, 62XX= Non-forested Riparian, 63XX= Wetlands, 7300= Exposed Rock, 7301= Lava).

|                                  | Agricultural | Non-Forested Lands | Forest Uplands | Water | Riparian and Wetland Areas | Barren Land |
|----------------------------------|--------------|--------------------|----------------|-------|----------------------------|-------------|
| Tiger Salamander                 |              |                    |                |       | 63XX                       |             |
| Pacific Treefrog                 | 2000         |                    |                | 5000  | 63XX                       |             |
| Boreal Chorus Frog               |              |                    |                |       | 61XX                       |             |
| Northern Leopard Frog            |              |                    |                |       | 61XX, 63XX                 |             |
| Longnose Leopard Lizard          |              | 33XX               |                |       |                            |             |
| Side-blotched Lizard             |              | 33XX               |                |       |                            |             |
| Sagebrush Lizard                 |              | 33XX               |                |       |                            | 7300        |
| Western Fence Lizard             |              | 33XX               | 41XX           |       |                            | 7301        |
| Western Whiptail                 |              | 33XX               |                |       |                            |             |
| Racer                            |              | 33XX               | 41XX           |       | 62XX, 63XX                 |             |
| Striped Whipsnake                |              | 33XX               |                |       |                            | 7301        |
| Gopher Snake                     | 2000         |                    |                |       |                            |             |
| Western Terrestrial Garter Snake |              | 33XX               |                | 5000  | 62XX, 63XX                 |             |
| Western Rattlesnake              |              | 33XX               |                |       |                            |             |

**Table 3. Amphibian species summary table.** This table provides concise information about potential and observed amphibian species with their corresponding legal status, and summarizes the study results by distribution, estimated abundance, type of voucher taken, successful survey techniques (ranked), and the observed life stages. The data in this table do not reflect any contributed observations. The ratio in the distribution column denotes the number of wetland sites where this species was observed out of the total surveyed.

| Common Name  | Scientific Name            | Status                                       | Distribution*  | Estimated Abundance* | Voucher         | Successful Sampling Techniques*                                  | Comments                   |
|--|----------------------------|--|----------------|----------------------|-----------------|--|----------------------------|
| <b>Confirmed</b>   |                            |  |                |                      |                 |  |                            |
| Tiger Salamander   | <i>Ambystoma tigrinum</i>  |  | Limited (1/20) | Uncommon             |                 | visual encounters, aquatic funnel traps                          | larvae, metamorphs, adults |
| Pacific Treefrog   | <i>Pseudacris regilla</i>  |  | Limited (5/20) | Abundant             |                 | visual encounters, aquatic funnel traps, incidental observations | larvae, metamorphs, adults |
| Boreal Chorus Frog   | <i>Pseudacris maculata</i> |  | Limited (1/20) | Uncommon             |                 | visual encounters  | metamorphs                 |
| Northern Leopard Frog  | <i>Rana pipiens</i>        | S, SC  | Limited (3/20) | Uncommon             | photograph      | visual encounters, incidental observations                       | larvae, metamorphs, adults |
| <b>Possible</b>  |                            |  |                |                      |                 |  |                            |
| Western Toad   | <i>Bufo boreas</i>         | S, SC  |                |                      |                 |  |                            |
| Great Basin Spadefoot Toad   | <i>Spea intermontana</i>   |  |                |                      |                 |  |                            |
| Columbia Spotted Frog  | <i>Rana pretiosa</i>       | S, SC  |                |                      |                 |  |                            |
| <b>Classification Information:</b>   |                            |  |                |                      |                 |  |                            |
| Names Based on Integrated Taxonomic Information System (ITIS) website 2001 |                            | Based on Rankings                            | Widespread     | Abundant             | museum specimen | Techniques Employed: Life Stages:                                |                            |
| from the Idaho Conservation Data Center 2001                               |                            | from the Idaho Conservation Data Center 2001 | Intermediate   | Common               | photograph      | visual encounter   | eggs                       |
|  |                            |  | Limited        | Uncommon             |                 | aquatic funnel traps   | larvae                     |
|  |                            |  |                | Rare                 |                 | road driving   | metamorph                  |
|  |                            |  |                |                      | * based on this | incidental observation   | juvenile                   |
|  |                            |  |                |                      |                 | * ranked by success  | adult                      |
|  |                            |  |                |                      |                 |  |                            |
|  |                            |  |                |                      |                 |  |                            |
|  |                            |  |                |                      |                 |  |                            |

**Table 4.** Lizard species summary table. This table provides concise information about potential and observed lizard species with their corresponding legal status, and summarizes the study results by distribution, estimated abundance, type of voucher taken, successful survey techniques (ranked), and the observed life stages. The data in this table do not reflect any contributed observations. The ratio in the distribution column denotes the number of terrestrial sites where this species was observed out of the total surveyed.

**Table 5. Snake species summary table.** This table provides concise information about potential and observed snake species with their corresponding legal status, and summarizes the study results by distribution, estimated abundance, type of voucher taken, successful survey techniques (ranked), and the observed life stages. The data in this table do not reflect any contributed observations. The ratio in the distribution column denotes the number of survey sites where this species was observed out of the total surveyed (all sites were included for those species which may be found terrestrially or at wetlands).

| Common Name  | Scientific Name              | Status | Distribution*  | Estimated Abundance*     | Voucher       | Successful Sampling Techniques*  | Comments               |
|--|------------------------------|--------|--|--------------------------|---------------|--|------------------------|
| <b>Confirmed</b>   |                              |        |  |                          |               |  |                        |
| Racer  | <i>Crotalus cerinorator</i>  |        | Intermediate (4/49)  | Common                   |               | visual encounters, road driving, incidental observations                       |                        |
| Striped Whipsnake  | <i>Masticophis taeniatus</i> |        | Intermediate (2/49)  | Common                   |               | visual encounters, road driving  |                        |
| Gopher Snake   | <i>Pituophis catenifer</i>   |        | Widespread (2/29)  | Abundant                 |               | visual encounters, road driving, incidental observations                       |                        |
| Western Terrestrial Garter Snake   | <i>Thamnophis elegans</i>    |        | Widespread (8/49)  | Abundant                 |               | visual encounters, road driving, aquatic funnel traps, incidental observations |                        |
| Western Rattlesnake  | <i>Crotalus viridis</i>      |        | Intermediate (1/29)  | Common                   |               | visual encounters, road driving  |                        |
| <b>Possible</b>  |                              |        |  |                          |               |  |                        |
| Rubber Boa   | <i>Charina bottae</i>        |        |  |                          |               |  |                        |
| Longnose Snake   | <i>Rhinophis lecontei</i>    | S, SC  |  |                          |               |  |                        |
| Ringneck Snake   | <i>Diadophis punctatus</i>   | S, SC  |  |                          |               |  |                        |
| Ground Snake   | <i>Sonora semiannulata</i>   | S, SC  |  |                          |               |  |                        |
| Night Snake  | <i>Hypsiglena torquata</i>   |        |  |                          |               |  |                        |
| Common Garter Snake  | <i>Thamnophis sirtalis</i>   |        |  |                          |               |  |                        |
| <b>Classification Information:</b>   |                              |        |  |                          |               |  |                        |
| Names Based on Integrated Taxonomic Information System (ITIS) website 2001 |                              |        | Based on Rankings from the Idaho Conservation Data Center 2001 | Widespread               | Abundant      | museum specimen photograph   | Life Stages: juveniles |
|  |                              |        |  | Intermediate             | Common        | road driving   | adults                 |
|  |                              |        |  | Limited                  | Uncommon      | funnel traps   |                        |
|  |                              |        |  |                          |               |  |                        |
|  |                              |        |  | *                        | based on this | based on this  | incidental observation |
|  |                              |        |  |                          |               |  |                        |
|  |                              |        | S (BLM)= Sensitive Species                                     | survey and recently      |               |  |                        |
|  |                              |        | SC (IDFG)= Species of Special Concern                          | contributed observations |               |  |                        |